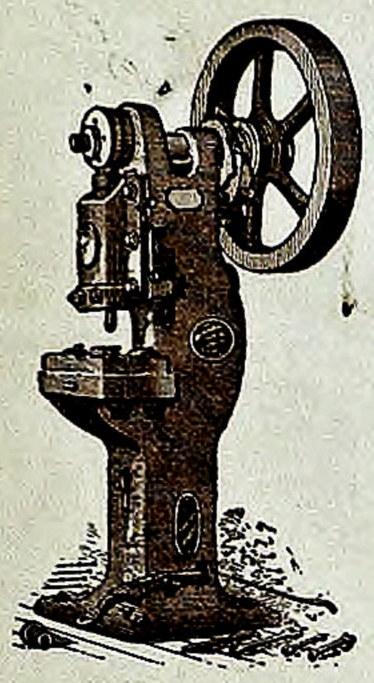
RG104 E-1 Box 166



FERRACUTE MACHINE COMPANY

PRESSES, DIES AND OTHER SHEET METAL TOOLS.

"Light Machinery improved, cheapened and manufactured on the Duplicate System."

OBERLIN SMITH,
PRESIDENT & MECH. ENG.
FRED. F. SMITH,
SECRETARY & TREASURER.
CHAS. D. REEVE,
SUPERINTENDENT.

Established 1863.
Incorporated 1877.

CABLE ADDRESS "FERRACUTE, BRIDGETON" TELEPHONE CALL, "No. 34"

Bridgeton, New Jersey, U.S.A., Oct. 14th., 1890

Answering Yours of 10-11th.

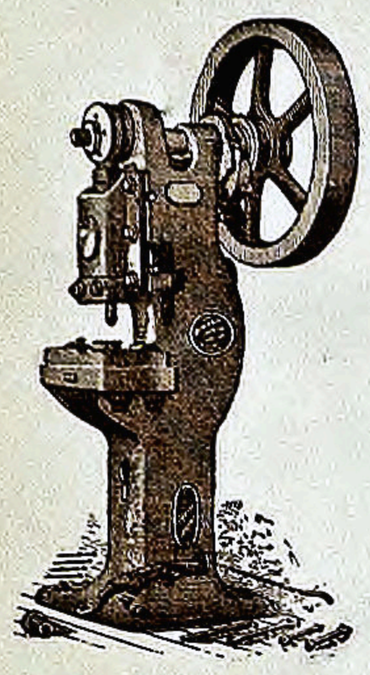
Col. O. C. Bosbyshell, Supt.,
Mint of the U. S. at Phila., Pa.

Dear Sir:-

We take pleasure in mailing you a set of our illustrated sheets, 18,19,20,21 and 22, describing our various styles of foot and power presses of which we make over 120 different kinds. We, unfortunately, have not a bound catalogue just at present, but these sheets will give you an idea of our line of manufacture. If you will examine these you will see that we are building our presses as first-class machine tools, making them with forged steel shafts, cut gearing, hardened bolts and nuts, all fitted up in the best manner and on the duplicate system. For your general line of work we call your attention to the presses on list 18 and the punching presses on list 22. The other lists perhaps will not be of interest to you, but we send them merely to show you the variety of presses we manufacture. Most of these presses are now built from new patterns and are of better workmanship and design and are heavier and better in all respects than shown in the cuts. All of the punching presses on list 22 are built like the press 53 in the centre of sheet. We enclose blue photographs of a number of our presses from these new patterns with the weights and prices marked on each and you will get further particulars concerning them in the various lists referred to.

We send also blue photographs of a coining press 35 which we show both with and without gearing. We also attach a back view of this press so you can see the arrangement of the toggle. It is fitted up with forged steel columns and shafts, hardened small parts, all of the journals in connection with the toggle being bushed with hardened steel and it has a quick return motion which is an improvement over any other toggle press we know of. It is a

RG104 E-1 Box 166



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Bridgeton, New Jersey, U.S.A., 189

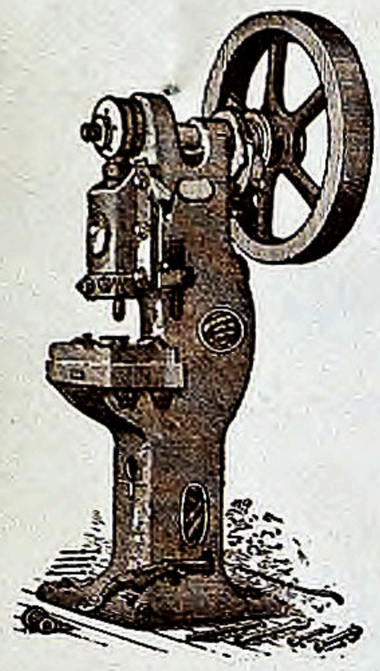
CABLE ADDRESS "FERRACUTE, BRIDGETON" TELEPHONE CALL, "No. 34"

Answering Yours of

O. C. B. 2

very compact, strong and durable press and the price of it is considerably less than usually charged for coining presses when its capacity is considered. It has an improved form of automatic adjustable clutch (in the geared form this can be stopped at six different positions if desired) and the adjustment and pressure is given, you will notice, by means of the geared nuts underneath the bed. The weight of the press is about 3200 lbs. without gearing, or 4200 lbs. with. The price without gearing is $800. and with gearing $950. less 10% discount. This press, although small and light is very powerful and we have done work in the geared press which indicated 300 tons pressure by the testing guage on a hydraulic press and with better results. We have also coined in the non-geared press a medal like the enclosed, making it of hard silver, that is an old silver dollar without annealing. The sample sent of course is only white metal, but we have made the same medal in steel, hard brass, silver etc. For your largest work such as silver dollars we presume you would prefer a larger size press and we would build you one, if you desired, with twice the pressure this will give and the probable cost of it will be in the neighborhood of $1500. or $1600. We build a number of attachments for these various presses for feeding either by means of a slide and tube or dial feeds, also special roller feed attachment for cutting blanks and we enclose among others two prints showing our press 52 with the attachments in use It maybe that you could use one of these presses with feed attachments to advantage for cutting out your blanks for various coins. The press as shown was used with gang dies so as to produce work very rapidly, cutting a number of blanks at each stroke and the arrangement of feed is extremely accurate as you will see by the sample of brass scrap we mail you

RG104 E-1 Box 166



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CABLE ADDRESS "FERRACUTE, BRIDGETON" TELEPHONE CALL, "No. 34"

Answering Yours of

O. C. B. 3

with the circulars. For a certain class of your work we call your attention also to presses 33 and 34, of which we enclose prints. We think a number of our presses would be suited for your Mint purposes and in case you would like to see us the writer will be glad to call and explain matters further and bring up a number of photographs of other machines of which we have not printed illustrations.

Will you kindly acknowledge receipt of circulars, prints etc. and let us hear from you further about the matter.

Yours truly,

Ferracute Machine Co.,

Per Fred. F. Smith,
Secy.

Enclosures
Lists

[NARA RG104, Entry 1, Box 166]

Ferracute Machine Company,
Presses, Dies and other Sheet Metal Tools.
Bridgeton, New Jersey, U.S.A., October 14th, 1890.

Answering yours of October 11th

Col. O.C. Bosbyshell, Supt.
Mint of the U.S. at Philadelphia, Pa.

Dear Sir: -

We take pleasure in mailing you a set of our illustrated sheets, 18, 19, 20, 21 and 22, describing our various styles of foot and power presses of which we make over 120 different kinds. We, unfortunately, have not a bound catalogue just at present, but these sheets will give you an idea of our line of manufacture. If you will examine these you will see that we are building our presses as first-class machine tools, making them with forged steel shafts, cut gearing, hardened bolts and nuts, all fitted up in the best manner and on the duplicate system. For your general line of work we call your attention to the presses on list 18 and the punching presses on list 22. The other lists perhaps will not be of interest to you, but we send them merely to show you the variety of presses we manufacture. Most of these presses are now built from new patterns and are of better workmanship and design and are heavier and better in all respects than shown in the cuts. All of the punching presses on list 22 are built like the press 53 in the centre of sheet. We enclose blue photographs and prices marked on each and you will get further particulars concerning them in the various lists referred to.

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Yours truly,
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Per
Fred. J. Smith
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